

ABSTRACT OF THE DISCLOSURE

A seal of an electric machine installed within a motor vehicle drive mechanism with one of a wet-running oil-cooled disk gearshift element, a multiple disk clutch and a multiple disk brake being accommodated within a free space of a rotor of the electric machine. An oil free annular gap (3) is formed between the rotor (2) and the stator (1) of the electric machine and the annular gap (3) has a seal (9) which, at a high rate of rotation by the rotor (2) and depending on the type of gap seal, seals without touching.